

GeCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.									
1 protein - protein search, using sw model	28	375	14.6	788	5	PCT-US95-06613-36			
on on:	29	371	14.5	979	1	US-08-346-55B-38			
April 19, 2004, 13:15:32 ; Search time 23 Seconds	30	371	14.5	979	3	US-08-377-221-33			
(without alignments)	31	371	14.5	979	4	US-09-483-831B-70			
1070.678 Million cell updates/sec	32	371	14.5	979	5	PCT-US95-06613-38			
tile:	33	197	14.7	151	4	US-09-621-391			
rfect score:	34	139.5	5.4	108	4	US-09-621-976-7442			
quence:	35	111.5	4.4	58	4	US-09-543-681A-1194			
oring table:	36	109	4.3	709	4	US-09-543-681B-3			
BLOSUM62	37	105.5	4.1	819	4	US-09-468-656A-10			
Gapop 10.0 , Gapext 0.5	38	101.5	4.0	972	4	US-09-129-366-23			
arched:	39	101.5	4.0	40	4	US-09-328-352-547			
389414 seqs, 51625971 residues	40	101	3.9	41	3.9	US-09-161-083-65			
tal number of hits satisfying chosen parameters:	41	98.5	3.8	763	4	US-09-536-784-66			
minimum DB seq length: 0	42	98.5	3.8	43	3.8	US-09-468-656A-4			
maximum DB seq length: 200000000	44	98	3.8	838	4	US-09-435-844A-23			
st-processing: Minimum Match 0%	45	98	3.8	1541	3	US-09-839-991-3			
Maximum Match 100%	46	98	3.8	1541	4	US-09-839-996-3			
Listing first 45 summaries	47	98	3.8	1541	4	US-09-839-996-3			
atabase :	48	98	3.8	1541	4	US-09-839-996-3			
Issued Patents AA: *	49	98	3.8	1541	4	US-09-839-996-3			
1: /cggn_6/podata/2/1aa/5A_COMB.pep:*	50	98	3.8	1541	4	US-09-839-996-3			
2: /cggn_6/podata/2/1aa/5B_COMB.pep:*	51	98	3.8	1541	4	US-09-839-996-3			
3: /cggn_6/podata/2/1aa/6A_COMB.pep:*	52	98	3.8	1541	4	US-09-839-996-3			
4: /cggn_6/podata/2/1aa/6B_COMB.pep:*	53	98	3.8	1541	4	US-09-839-996-3			
5: /cggn_6/podata/2/1aa/PCTUS_COMB.pep:*	54	98	3.8	1541	4	US-09-839-996-3			
6: /cggn_6/podata/2/1aa/backfilesl.pep:*	55	98	3.8	1541	4	US-09-839-996-3			
SUMMARIES	56	98	3.8	1541	4	US-09-839-996-3			
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	57	98	3.8	1541	4	US-09-839-996-3			
RESULT 1	58	98	3.8	1541	4	US-09-839-996-3			
Sequence 19, Appl	59	98	3.8	1541	4	US-09-839-996-3			
Sequence 83, Appl	60	98	3.8	1541	4	US-09-839-996-3			
Sequence 3913, Ap	61	98	3.8	1541	4	US-09-839-996-3			
Sequence 4, Ap	62	98	3.8	1541	4	US-09-839-996-3			
Sequence 5, Ap	63	98	3.8	1541	4	US-09-839-996-3			
Sequence 6, Ap	64	98	3.8	1541	4	US-09-839-996-3			
Sequence 7, Ap	65	98	3.8	1541	4	US-09-839-996-3			
Sequence 8, Ap	66	98	3.8	1541	4	US-09-839-996-3			
Sequence 9, Ap	67	98	3.8	1541	4	US-09-839-996-3			
Sequence 10, Ap	68	98	3.8	1541	4	US-09-839-996-3			
Sequence 11, Ap	69	98	3.8	1541	4	US-09-839-996-3			
Sequence 12, Ap	70	98	3.8	1541	4	US-09-839-996-3			
Sequence 13, Ap	71	98	3.8	1541	4	US-09-839-996-3			
Sequence 14, Ap	72	98	3.8	1541	4	US-09-839-996-3			
Sequence 15, Ap	73	98	3.8	1541	4	US-09-839-996-3			
Sequence 16, Ap	74	98	3.8	1541	4	US-09-839-996-3			
Sequence 17, Ap	75	98	3.8	1541	4	US-09-839-996-3			
Sequence 18, Ap	76	98	3.8	1541	4	US-09-839-996-3			
Sequence 19, Ap	77	98	3.8	1541	4	US-09-839-996-3			
Sequence 20, Ap	78	98	3.8	1541	4	US-09-839-996-3			
Sequence 21, Ap	79	98	3.8	1541	4	US-09-839-996-3			
Sequence 22, Ap	80	98	3.8	1541	4	US-09-839-996-3			
Sequence 23, Ap	81	98	3.8	1541	4	US-09-839-996-3			
Sequence 24, Ap	82	98	3.8	1541	4	US-09-839-996-3			
Sequence 25, Ap	83	98	3.8	1541	4	US-09-839-996-3			
Sequence 26, Ap	84	98	3.8	1541	4	US-09-839-996-3			
Sequence 27, Ap	85	98	3.8	1541	4	US-09-839-996-3			
Sequence 28, Ap	86	98	3.8	1541	4	US-09-839-996-3			
Sequence 29, Ap	87	98	3.8	1541	4	US-09-839-996-3			
Sequence 30, Ap	88	98	3.8	1541	4	US-09-839-996-3			
Sequence 31, Ap	89	98	3.8	1541	4	US-09-839-996-3			
Sequence 32, Ap	90	98	3.8	1541	4	US-09-839-996-3			
Sequence 33, Ap	91	98	3.8	1541	4	US-09-839-996-3			
Sequence 34, Ap	92	98	3.8	1541	4	US-09-839-996-3			
Sequence 35, Ap	93	98	3.8	1541	4	US-09-839-996-3			
Sequence 36, Ap	94	98	3.8	1541	4	US-09-839-996-3			
Sequence 37, Ap	95	98	3.8	1541	4	US-09-839-996-3			
Sequence 38, Ap	96	98	3.8	1541	4	US-09-839-996-3			
Sequence 39, Ap	97	98	3.8	1541	4	US-09-839-996-3			
Sequence 40, Ap	98	98	3.8	1541	4	US-09-839-996-3			
Sequence 41, Ap	99	98	3.8	1541	4	US-09-839-996-3			
Sequence 42, Ap	100	98	3.8	1541	4	US-09-839-996-3			
GENERAL INFORMATION:	101	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Jacobs, Kenneth	102	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: McCoy, John M.	103	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Lavallee, Edward R.	104	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Racine, Lisa A.	105	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Treberg, David	106	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Maurice	107	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Spaulding, Vicki	108	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	109	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	110	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	111	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	112	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	113	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	114	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	115	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	116	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	117	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	118	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	119	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	120	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	121	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	122	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	123	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	124	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	125	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	126	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	127	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	128	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	129	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	130	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	131	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	132	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	133	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	134	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	135	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	136	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	137	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	138	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	139	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	140	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	141	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	142	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	143	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	144	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	145	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	146	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	147	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	148	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	149	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	150	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	151	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	152	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	153	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	154	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	155	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	156	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	157	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	158	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	159	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	160	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	161	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	162	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	163	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	164	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	165	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	166	98	3.8	1541	4	US-09-839-996-3			
APPLICANT: Agostino, Michael J.	167	98	3.8	1541					

```

Sequence 36, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence "10, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence 7142, Appl
Sequence 4394, Appl
Sequence 3, Appl
Sequence 10, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 7547, Appl
Sequence 66, Appl
Sequence 66, Appl
Sequence 4, Appl
Sequence 3, Appl
Sequence 3, Appl

```

QY 1 MTSKFLVSLAALSLSLTSQDQKVLLVSDFGFRDWLYKVTPPHFIMKGW 60
Db 1 MTSKFLVSLAALSLSLTSQDQKVLLVSDFGFRDWLYKVTPPHFIMKGW 60
QY 61 VKQVINVFITKTPHYTIVGLFAENGTIVANDMFDPRNKSFLDHMINYPSKFWEA 120
Db 61 VKQVINVFITKTPHYTIVGLFAENGTIVANDMFDPRNKSFLDHMINYPSKFWEA 120
QY 121 TPINWNRAGHTSGAMMIGTDVKHKGPPTHMPYNESVSFEDRVAKIVENFTSKEPI 180
Db 121 TPINWNRAGHTSGAMMIGTDVKHKGPPTHMPYNESVSFEDRVAKIVENFTSKEPI 180
QY 181 NLGLYWPEDDMGHHLGPDPLMGPVTSIDDKLGYLQMLKCAKMLTLLNLTSHG 240
Db 181 NLGLYWPEDDMGHHLGPDPLMGPVTSIDDKLGYLQMLKCAKMLTLLNLTSHG 240
QY 241 MTOCSEERLIELDQYLDKDYTDQSPVAAILPKEGKDEVVEALTHAHPNITVYKKED 300
Db 241 MTOCSEERLIELDQYLDKDYTDQSPVAAILPKEGKDEVVEALTHAHPNITVYKKED 300
QY 301 VPEWHYKNSRQPIAVADEGWHILQKSDDFLYG 337
Db 301 VPEWHYKNSRQPIAVADEGWHILQKSDDFLYG 337

RESULT 2
US-09-800-729-83
; Sequence 83, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 3.2 Human secreted proteins
; FILE REFERENCE: PZ044_P1
; CURRENT APPLICATION NUMBER: US/09/800, 729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 83
; LENGTH: 453
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE: -
; NAME/KEY: SIGNAL
; LOCATION: -22,-1

US-09-621-976-3913
; Query Match 29.1%; Score 719; DB 4; Length 136;
; Best Local Similarity 93.3%; Pred. No. 2,4e-64; 0; Mismatches 1; Indels 0; Gaps 0;
; Matches 135; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MTSKFLVSLAALSLSLTSQDQKVLLVSDFGFRDWLYKVTPPHFIMKGW 60
Db 1 MTSKFLVSLAALSLSLTSQDQKVLLVSDFGFRDWLYKVTPPHFIMKGW 60
QY 61 VKQVINVFITKTPHYTIVGLFAENGTIVANDMFDPRNKSFLDHMINYPSKFWEA 120
Db 61 VKQVINVFITKTPHYTIVGLFAENGTIVANDMFDPRNKSFLDHMINYPSKFWEA 120
QY 121 TPINWNRAGHTSGA 136
Db 121 TPINWNRAGHTSGA 136

RESULT 4
US-09-187-331-6
; Sequence 6, Application US/09187331
; Patent No. 6043056
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guebler, Karl J.
; APPLICANT: Gorzene, Gina A.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/187, 331
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO: 6
; LENGTH: 873
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE: -

QY 179 TATLYBEPDASGHKYGEPEDENMYRILKVDLIGELVHKLGVWENLNLTSH 238
Db 179 TATLYBEPDASGHKYGEPEDENMYRILKVDLIGELVHKLGVWENLNLTSH 238
QY 240 GNTQCSERLIELDQYLDKDYTDQSPVAAILPKEGKDEVVEALTHAHPNITVYKKED 299
Db 239 GNTQCSERLIELDQYLDKDYTDQSPVAAILPKEGKDEVVEALTHAHPNITVYKKED 299
QY 300 DVPERWHYKNSRQPIAVADEGWHILQKSDDFLGLGNHGDNALADMHPFLAHGPAP 359